

FOLIO

Government Involvement in Academic Standards

Education Minister David King recently released the findings of a report on public reaction to government involvement in student achievement. The report, compiled by Gordon Mowat, indicates that "there is considerable public support for greater provincial government involvement in setting academic standards and testing student achievement in Alberta schools."

The report was compiled from August through December of 1979, and is titled "Public Reaction to Recommendations from the Minister's Advisory Committee on Student Achievement." The recommendations in the report are based on information gathered from briefs and hearings, and a Gallup poll. Seventy-four individuals and sixty groups submitted briefs, and thirty-five representatives attended public hearings to put forward their positions.

The briefs and hearings focussed on three major recommendations of the Advisory Committee: that Alberta Education establish a Student Evaluation Policies Board; a province-wide testing program be conducted annually to monitor student achievement; and mandatory grade twelve examinations not be reinstated. Conclusions drawn from the presentations suggest that there is little support for a Student Evaluation Policies Board. Support is extensive, however, for a province-wide program



"Herdswomen." Taken in 1906 by Per Persson, this remarkable photograph is only one in an exhibition on display in the Ring House Gallery from 4 to 31 May. Lima in Sweden documents life in a small Swedish parish by the use of photographs taken by amateurs between 1880 and 1938. This picture shows also the extremely rare Swedish Alpine cow.

that would provide individual, class, school and provincial scores. Opinion is divided on the reinstitution of mandatory grade twelve departmental examinations. Individuals tend to favor reinstitution, while groups favored some change but not necessarily returning to the old type of departmental examinations.

An October 1979 Gallup poll surveyed 1,064 adults on six general topics. Forty-nine percent of those interviewed feel that the

testing of achievement in schools is unsatisfactory. An overwhelming seventy-nine percent believe that the government should establish standards that apply to all schools. Sixty percent thought that students wishing university entrance should be subjected to standards which need not be applied to other students. Fifty-one percent of the people surveyed believe that the government should have strong involvement in setting requirements for university entrance and

in evaluating achievement. Thirty-five percent thought that the universities should set their own standards.

In commenting on the report, Mr. King said "This report completes the four-year task by the Advisory Committee to review the quality and standards of basic education in Alberta. The government now has all the information necessary for making a decision, which, I hope, will be announced during the summer." □

Spring and Summer Recreation Programs

The University's Department of Athletic Services has organized a recreation program for the spring and summer months. This wide variety of activities will be offered

Neuropsychopharmacology

The Third Annual Meeting of the Canadian College of Neuropsychopharmacology will be held on 12 and 13 May at The University of Alberta. The three major symposia will be entitled "Benzodiazepines," "GABAergic Mechanisms in the Central Nervous System," and "Depression: Etiological and Pharmacological Aspects." A workshop on the AMDP system of evaluation of psychopathology will also be held.

Twelve guest speakers will participate, and there will also be forty free communications on various aspects of neuropharmacology.

Registration forms can still be obtained from Dr. G. Baker, Department of Psychiatry, Clinical Sciences Building, telephone 432-6591. □

FOLIO

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All inquiries and correspondence should be directed to:

Folio
Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
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during the periods corresponding to those of the academic calendar. Registration is open, free of charge to all students, academic staff, and to those alumni and non-academic staff members who hold "privilege" cards.

During the Spring Session, the following activities will be offered:
Archery: 20 May to 3 June, Tuesdays. West Gym. Registration by 13 May.

Fitness: 13 May to 5 June, Tuesdays and Thursdays. Judo Room. Registration by 8 May.

Golf: 20, 22, 28 May and 4 June. Lister Field. Registration by 13 May.

Karate: 15 May to 5 June, Thursdays. Judo Room. Registration by 8 May.

Orienteering: 20 to 29 May. E-120 PERC. Registration by 13 May.

Racquetball: 12 May to 4 June, Mondays and Wednesdays. PERC Courts. Registration by 14 May.

Social Dance: 12 May to 4 June, Mondays and Wednesdays. Dance Gym. Registration by 7 May.

Square Dance: 13 May to 5 June, Tuesdays and Thursdays. Dance Gym. Registration by 7 May.

Squash: 20 May to 5 June, Tuesdays and Thursdays. PERC Courts. Registration by 14 May.

Tennis: 12 May to 4 June, Tuesdays and Thursdays. Windsor Car Park Tennis Courts. Registration by 7 May.

Weight Training: 20 to 29 May, Tuesdays and Thursdays. PERC Weight Rooms. Registration by 21 May.

Softball: 12 May to 11 June. Corbett Field. Registration by 7 May.

For more information about these programs, to be held for the most part in the late afternoon and evening, please telephone Joan Patrick at 432-3614, or visit the Men's Intramural Office (W-79 PERC) between 12 noon and 1 p.m. and 3:30 p.m. to 5 p.m. □

Library Hours: Spring Session

Variations from these hours will be posted at library entrances.
Effective 27 April.

Cameron Library	Monday-Thursday	Friday	Saturday	Sunday
Building open Spring Session	7:45 a.m.-10:00 p.m.	7:45 a.m.- 5:30 p.m.	1:00 p.m.- 5:00 p.m.	closed
Building open until 6 May	7:45 a.m.-12:00 midnight	7:45 a.m.- 6:00 p.m.	12:00 noon-5:00 p.m.	12:00 noon-12:00 midnight
Circulation Services	8:30 a.m.- 6:15 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 4:45 p.m.	
Fines Collection	8:00 a.m.- 4:00 p.m.	8:00 a.m.- 4:00 p.m.	closed	
Government Publications	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	closed	
Health Sciences Library	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	no service	
Interlibrary Loans	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	
Micromaterials 14 April	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	
Photoduplication	8:00 a.m.- 4:00 p.m.	8:00 a.m.- 4:00 p.m.	closed	
Reserve Reading Room 25 April	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	closed	
Science Library	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	no service	
Special Collections	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	
Undergraduate Library	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	no service	
Herbert T. Coultts (Education) Library				
Building open	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 5:30 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Circulation Services	8:30 a.m.- 8:45 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 4:45 p.m.	1:00 p.m.- 4:45 p.m.
Reference Services	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Reserve Room	8:30 a.m.- 8:45 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 4:45 p.m.	closed
Curriculum Library	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Law Library	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	closed	closed
Mathematics Library	8:30 a.m.-12:00 noon 1:00 p.m.- 4:30 p.m.	8:30 a.m.-12:00 noon 1:00 p.m.- 4:30 p.m.	closed	closed
Physical Sciences Library	8:30 a.m.-12:00 noon 1:00 p.m.- 4:30 p.m.	8:30 a.m.-12:00 noon 1:00 p.m.- 4:30 p.m.	closed	closed
Rutherford Libraries				
Rutherford North				
Building open	7:45 a.m.-10:00 p.m.	7:45 a.m.- 5:30 p.m.	1:00 p.m.- 5:00 p.m.	closed
Circulation Services	8:30 a.m.- 6:15 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 4:45 p.m.	
Reference Services	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	no service	
Rutherford South				
Periodicals Reading Room	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	closed	closed
Bound Periodicals Circulation	8:30 a.m.- 6:15 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 5:00 p.m.	closed
Bound Periodicals Checkpoint	8:30 a.m.- 6:15 p.m.	8:30 a.m.- 5:15 p.m.	1:00 p.m.- 5:00 p.m.	
Rutherford South Study Hall	closed	closed	closed	closed
John W. Scott Library	9:00 a.m.-10:00 p.m.	9:00 a.m.-10:00 p.m.	9:00 a.m.- 5:00 p.m.	closed

people

H.B. Dunford, Chemistry, has been named winner of the Chemical Education Award for 1980 by The Chemical Institute of Canada. The award, sponsored by Union Carbide Canada Limited, includes a \$750 honorarium, a scroll, and travelling assistance. It is awarded for outstanding contributions in Canada to education in chemistry or in chemical engineering. Dr. Dunford will receive the award and will deliver the award lecture during the 63rd Canadian Chemical Conference and Exhibition in Ottawa, 8 to 11 June 1980.

Garry Kelly, English, recently presented a paper on the subject of British responses to the French Revolution, to the American Society for Eighteenth Century Studies at a meeting in San Francisco.

C.M. Rodkiewicz, Mechanical Engineering, has been presented with the Fellowship of the American Society of Mechanical Engineers. The award is made in recognition of Dr. Rodkiewicz's outstanding contributions in engineering.

Dr. Rodkiewicz is currently acting as a coordinator and is also preparing some lecture material for an international course on "Engineering and Medical Aspects of the Arterial Blood Flow." The course, arranged by the International Centre for Mechanical Sciences in Udine, Italy, will be presented in Italy from 18 to 27 June. In addition to Dr. Rodkiewicz, five researchers from Austria, France, Italy, Poland and Scotland have been invited to participate in the course.

S.H. Arnold, Comparative Literature, delivered a paper to the African Literature Association meetings in Gainesville, Florida,

8 to 12 April, "On the Career and Aesthetic of Victor Elame Musinga, Cameroon's Most Popular Playwright." *Abioseh M. Porter*, also in Comparative Literature, presented a paper, "Smohl no bi sik: A Preliminary Survey of Pidgin Literature in Cameroon."

L.C. Green, University Professor, Political Science, attended the Conference on World Affairs at the University of Colorado, from 6 to 12 April and took part in seven panels on terrorism and other aspects of world affairs. He also lectured to the International Law class of the Department of Political Science at the University of Colorado, and at the Denver Law School.

J.J. Mitchell, Educational Psychology, recently delivered a keynote address at the 9th Annual conference of the International Round Table for the Advancement of Counselling, in Thessaloniki, Greece. Dr. Mitchell's address dealt with the developmental factors in adolescent psychopathology.

Letters

■ Dental Plan

The latest information available to NASA now indicates that we will not be able to select an insurance company to underwrite the Dental Plan until 21 May 1980. That is the date now scheduled for a meeting between the Board and NASA to go over the insurance company bids and make the selection. The reason for the bids not being available earlier is that they are compiled by the company head offices, usually Montreal or Toronto, and data on the number of employees (single or married; number of dependents, etc.) have had to be forwarded to the head offices.

The plan will be essentially as outlined in the current NASA newsletter but members will not be able to claim reimbursement for work done since 1 April until the company is selected and the claim forms are made available. I regret the delays on this, but I hope you will understand that they are unavoidable.

George Walker
Manager, NASA

Dr. C.M. Rodkiewicz (centre) is presented with the Fellowship of the American Society of Mechanical Engineers by Dr. D. Zwiep (right; the President of the ASME) and Dr. H. Reeder (left; the Vice-President of the ASME for the Pacific Region). Seated is Alberta labor minister Les Young. The award was made on 10 April 1980.



coming events

Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to 423 Athabasca Hall.

Music

SUB Theatre

3 May. 8 p.m. Salvation Army Canadian Staff Band.

9 May. 9 p.m. Narinder Biba Program. (Musical concert) Sutlej Cultural Society.

11 May. 1:30 and 3:30 p.m. Yamaha School end of year concert.

14 May. 7 and 9:30 p.m. Jesse Winchester in concert.

16 May. 8 p.m. "1755" in concert.

22 May to 31 May. 9 a.m. to 10 p.m. each day. Alberta Dance Educators Association. Alberta Dance Festival/Competitions. Tickets available at the door.

Jubilee Auditorium

21 April to 2 May. 9 a.m., 1 p.m. and 7 p.m. Kiwanis Music Festival.

8, 10, 12, and 14 May. 8 p.m. Edmonton Opera Association presents Verdi's "Aida."

9 May. 7:30 p.m. Edmonton Symphony "Musically Speaking."

13 May. 8 p.m. "Harry Chapin."

16 May. 8 p.m. "Dnipro Ensemble" celebrates 75th Anniversary.

17 May. 9 p.m. Ismailia Cultural Festival.

South Side Folk Club

1 May. 8:00 p.m. The Quebec folk group Barde in concert. The Provincial Museum Theatre. Tickets at HUB and Mikes.

The Shadows at Waldens

29 April to 3 May. Jazz pianist Charlie Austin.

Provincial Museum

4 May. 2 p.m. Evansdale Community League Ukrainian Dancers.

11 May. 2 p.m. Cultural Heritage Performance. Ukulele ensemble.

18 May. 2 p.m. Edmonton Philharmonic Orchestra presents their Spring Concert. Free admission.

The Alberta Baroque Ensemble

4 May. 3 p.m. A concert of instrumental music by J.S. Bach. St. Andrew's United Church, 9915 148 Street. Admission free.

Edmonton Public Library Sunday Concert Series, Centennial Library

4 May. 2:30 p.m. Barbara Morris, 'cello; Janis Waite, piano. (Music Rooms)

11 May. 2:30 p.m. 'Les Pipeaux d'Argent.' (Edmonton Room)

18 May. 2:30 p.m. Brass quintet. (Music Rooms)

The Edmonton Chamber Music Society

7 May. 8 p.m. The Amadeus Quartet.

Radio and Television

Department of Radio and Television

Re-broadcast schedule for "The Legal Maze" at 7:30 p.m.:

5 May. "Wills—Part I"

12 May. "Wills—Part II"

19 May. "The Jury System"

26 May. "The Witness"

2 June. "The Legal Profession"

9 June. "Law of Copyright—Part I"

16 June. "Law of Copyright—Part II"

23 June. "Law for Travellers" CKUA Radio (580AM/95FM).

CJSR Radio

Sundays. 1:30 p.m. "Campus Sports." 4 p.m. "Probe," a weekly news magazine. 5 p.m. "Tempo." A classical music program.

Mondays and Fridays. 5 p.m. "Around The Town." An entertainment guide for campus and Edmonton.

Thursdays. 9:10 p.m.

"Rendezvous." A feature of interviews and profiles.

Sundays. 5 p.m. "Science Magazine."

CJSR radio (1580AM/99.1 QC Cable FM and 90.9 Capital Cable FM).

CBC TV

Saturdays at 10 p.m. CBC 5, Cable 4.

3 May. Just Jazz.

10, 17, 24 May. Little Jazz Specials.

Lectures and Seminars

Alberta Culture

7 May. 8 p.m. "Cold-blooded facts about hot-blooded dinosaurs." discussed by Robert Bakker from John Hopkins University, Baltimore. Provincial Museum.

23 to 25 May. A workshop co-sponsored by Alberta Culture and the Flagstaff Creative Writers, will be held in Killam, Alberta. For further information telephone 427-2554.

Paul Kane House

7 May. 12 noon. Mary Harasim, Landlord and Tenant Advisory Board informs renters of their rights.

14 May. 12 noon. Summer Holiday Ideas from Travel Alberta. Paul Kane House, 10220 121 Street.

Mosaic '80

5 to 7 May. "Change and Challenge"—a Forum with speakers Herman Kahn, Paul Ehrlich, David Suzuki, Albert Ellis and Leon Uris. Convention Inn South. For information call 439-4495, 439-4012.

John Janzen Nature Centre

3 or 10 May. 1:30 to 3 p.m. Pops and tots nature exploration. 5 May. 7 to 8:30 p.m. and 10, 11 May. 10 a.m. to 3 p.m. Anorak-making: original outdoor clothing.

14 to 28 May, Wednesdays. 7:30 to 9:30 p.m. Basic survival skills.

19 May, 7:30 to 9:30 p.m. and

24, 25 May, 1 to 5:30 p.m.

Nature photography.

For further information on these courses call 434-7446.

Technocracy Inc.

6 May. 8 p.m. "The Next Age of Man—the Technocracy," introduced by W. Fryers. Rocking Chair Lounge, HUB Mall.

The Women's Canadian Club

9 May. 12:15 p.m. Her Honor Judge Marjorie Bowker will ask "Can the family survive?". Macdonald Hotel.

Queen Elizabeth Planetarium

19 April to 29 June. A new show "Relatively Far" travels through time and space. For show times please call 455-0119.

5 May to 26 May, Mondays. Spring Sky Course. Fee: \$6.

6 May to 24 June, Tuesdays. Introductory Astronomy Course. Fee: \$12.

8 May to 12 June, Thursdays. Advance Astronomy Course. Fee: \$9.

For information and registration call 455-0119.

Nuclear Arms Concerns

7 May. 7:30 p.m. An organizational open meeting will be held at 26 Sundance Co-op (87 Street and 100 Avenue, Riverdale). For further information contact Eric Stephanson, 158E SUB. Telephone 432-4621.

Theatre

Studio Theatre

5 to 10 May. 8 p.m. "Electra" Tickets, \$2.50, available at the door or from Room 3-146, Fine Arts Centre. All performances at Corbett Hall.

Théâtre français d'Edmonton

16 to 25 May. 8 p.m. "Les Belles-Soeurs." Auditorium, Faculté Saint-Jean.

Workshop West Playwrights' Theatre

7 to 17 May. 8 p.m. "The Adventures of Benny the Beaver in the Third World War." Centennial Library Theatre. For

ticket information, telephone 436-7378.

Northern Light Theatre

14 May to 1 June. George Bernard Shaw Festival. "The Dark Lady of the Sonnets" and "Village Wooing." For show times and ticket information, telephone 429-3110.

Films

The National Film Theatre

2 May. 7:30 and 9 p.m., 4 May. 8 p.m. "L'hiver bleu/Blue Winter" (1979).

7 May. 7:30 p.m. "Vdovstvo Karoline Zasler/Widowhood of Karoline Zasler." (1976).

9:15 p.m. "Dervish I Smrt/The Dervish and Death." (1974).

8 May. 7:30 p.m. "Dervish I Smrt."

9:15 p.m. "Vdovstvo Karoline Zasler."

9 May. 7:30 and 9:15 p.m.,

11 May 8 p.m., 13 May 7:30 and 9:15 p.m. "Solzhenitsyn's Children . . . are making a lot of noise in Paris." (1978).

15 and 16 May. 7:30 and 9:15 p.m. 18 May. 8 p.m. "Dr. Strangelove: or How I learned to stop worrying and love the Bomb." (1963).

For information on the above please telephone the Citadel Theatre, 9828 101A Avenue, 426-4811, extension 69.

Provincial Museum

3 May. 2 p.m. "Heartbeat of a volcano," "Continental drift," "Rocks that reveal the past," "Rocks and minerals—how we identify them."

4 May. 4 and 7 p.m. "The Hecklers."

10 May. 2 p.m. "Understanding our earth: How its surface changes," "Volcanoes," "Earth the restless planet," "Our endangered environment—Air."

11 May. 4 and 7 p.m. "Heroic Beginnings."

17 May. 2 p.m. "Home landscaping," "Secrets of the plant world," "Growing, growing," "Leaves of Green."

18 May 4 and 7 p.m. "This is your museum speaking," "Louisbourg," "Wings of Time."

19 May. 2 p.m. Royal Family films, courtesy of the British Information Services.

20 to 22 May. 8 p.m. "North China Commune."

Exhibitions

University Special Collections Continuing. "The Illustrated D.H. Lawrence." B37 Cameron Library.

Ring House Gallery

4 to 30 May. "Lima in Sweden." A Photographic exhibition of pictures taken between 1880 and 1938.

Alberta Culture

Continuing. "The Persons they Were: Alberta Women, 1905-1929." Feature Gallery #1 of the Provincial Museum.

Continuing. "Discovering Dinosaurs." Provincial Museum.

Continuing. Photographs from the Public Affairs' Collection. Archives Lobby, Provincial Museum.

Edmonton Public Library

1 to 31 May. An exhibition of black and white photographs by Diana Palting. Photography Gallery of Centennial Library.

5 to 31 May. Exhibition and sale of work by local artists. Proceeds of sale go to Workshop West. Foyer Gallery of Centennial Library.

Beaver House Gallery

Until 2 May. "View from the Top." The works of twelve young artists from the Banff School of Fine Arts.

9 to 30 May. Alberta Ceramics Showcase '80. An exhibition of works in clay sponsored by the 75th Anniversary Commission.

Magic Club Open House

10 May. 1:30 to 5 p.m. A close-up view of tricks performed by members of the Edmonton Teen-age Magic Club. Music Rooms, Centennial Library.

Fireweed Gallery

13 to 24 May. An exhibition of watercolors and oils by W.J. Simpson

Sports

Junior Cricket Registration

3 and 4 May. 9 a.m. to 12 noon. Edmonton Junior Cricket Organization will hold registration at the Victoria Park pavilion. Fee: \$15. Inquiries: 432-3538, 487-5755, 432-2825, 452-1219.

Swimming Lessons

Classes are offered to adults and children at all Red Cross "Learn to Swim" levels, in RLSS Life Saving, and certain speciality areas. Brochures are available at W1-34 PERC and at the Pool Office. For more information, telephone 432-3570.

service
information

Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall.

Non-Credit Courses

Faculty of Extension

Time Competency Workshop

Date: 6 and 7 May. Fee: \$125. Telephone: 432-5066 or 432-5067.

Intensive Russian for Beginners, II

Date: 12 May-23 June, Mondays and Thursdays. Time: 7 p.m.-9 p.m.

Limit: 20 participants. Fee: \$43, excluding text. Telephone: 432-3033.

Safe Jogging—The First Steps

Date: 10 May. Time 1 p.m.-4 p.m.

Fee: \$10. Telephone: 432-3033, 432-2015.

Low energy passive solar housing

Date: 10 May. Time: 8 a.m. - 10 p.m.

Fee: \$50. Telephone: 432-5318.

Low Energy Passive Solar Housing

Date: 10 May. Time: 8 a.m.-10 p.m.

Fee: \$50. Telephone: 432-5318.

Secrets of Business Success

Date: 24 and 25 May. Fee: \$295.

Registration deadline: 9 May.

Telephone: 432-5066, 432-5067.

Planning Growth Strategies

Date: 27 and 28 May. Fee: \$195.

Registration deadline: 16 May.

Telephone: 432-5066, 432-5067.

Fat as a Food and as a Dietary Component

Date: 30 and 31 May. Time: 8 to 9:45 p.m. and 9 a.m. to 3 p.m.

Registration deadline: 16 May. Fee: \$35 includes evening reception, lunch and coffee. (Students \$20). Telephone: 435-0384, 432-5997.

Notices

Convocation: Volunteers Required

The Office of Personnel Services and Staff Relations has been asked to arrange for twenty-five volunteers to act as ushers for the Spring Convocation on the afternoons of 2, 3, 4, and 5 June. All departments and Faculties are asked for their support. Ushers are required for approximately one and one half hours and should report at 1:15 p.m.

After they have finished their duties, ushers may attend the convocation exercises or may take the rest of the afternoon off.

Surplus Equipment

For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, consult Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

One Beckman L50 floor centrifuge; Two Lourdes Rotors. For further information, telephone John Folkings at 432-3717.

Monocular microscopes. Telephone Margo Diadio at 432-2314.

Research Grants

Granting Agencies:

Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. To allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and the Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-2002. Note: Although the *Calendar* is updated on a continuous basis, the following information is subject to change without notice. If staff members have advance infor-

mation on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised.
Code: (R) Research Funds; (E) Exchange programs; (I) Travel grants.

<i>Granting Agency</i>	<i>Deadline Date</i>
Canada Council	1 June
—Explorations	1 Dec.
(R) Calendar Source 61	1 Mar.
US Department of Health, Education, and Welfare	1 June
	1 Oct.
<i>Renewals</i>	1 Feb.
(R) Calendar Source 420	
<i>New and Supplemental</i>	1 July
	1 Nov.
	1 Mar.

Positions Vacant

On-Campus

Secretary/Bookkeeper

The position requires excellent shorthand/typing skills and bookkeeping experience. The ability to work independently, to adapt to a variety of functions and to relate well with office staff and membership are essential. Previous union experience is an asset.

Salary range from \$15,185 to \$18,707 per year plus disability and dental plans.

Apply in writing by 9 May 1980 to The Manager, The University of Alberta, Non-Academic Staff Association, 8909 112 Street, Edmonton, Alberta, T6G 2C5.

Nurse Practitioner Program Instructor

Applications are being accepted for the position of obstetrical instructor. This appointment will commence 2 June 1980. Areas of responsibility include: lectures in obstetrics, clinical supervision, preparation of exams and marking of assignments and exams, and some monitoring of general lectures.

Requirements for the position are: midwifery preparation and extensive experience, graduation from a nurse practitioner program and/or nursing station experience. A BSc degree is preferred.

Please direct further enquiries and curriculum vitae to: Nursing Director, Nurse Practitioner Program, 3-103 Clinical Sciences Building, The University of Alberta, Edmonton, Alberta, T6G 2G3.

Executive Secretary

The Faculty of Arts requires a talented executive secretary and resource person for a highly demanding position, responsible to senior Faculty councils and seven associated committees. The complex duties of this Academic Professional Officer include the arrangement of meetings, establishment of agendas, assembly of background material, recording of discussions and the drafting of Minutes. The successful candidate will be responsible for the preparation of

reports, maintenance of rosters and terms of reference. The ability to organize work flow, as well as considerable tact in dealing with people and communications skills are essential. The executive secretary will maintain liaison with departments and other Faculties. Limited clerical typing skills are necessary, and shorthand is desirable.

Applications, complete with résumés and references, must be forwarded to the Dean of Arts by mid May. The position will become effective 1 July. Salary range begins at \$17,000 and is subject to change in July 1980. For information contact the Dean's Office, 6-7 Humanities Centre, 432-4221.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 25 April 1980

Clerk Typist II (\$830.15-\$991.42)—Housing and Food Services
 Clerk Steno II (\$861.22-\$1,030.83)—Educational Foundations; Audiovisual Media Centre; Botany
 Library Clerk III (\$893.47-\$1,069.05)—Geography
 Clerk Typist III (\$922.13-\$1,109.66)—Administrative Services; Pharmacy; Student Affairs
 Senior Financial Record Clerk (\$922.13-\$1,109.66)—University Health Services
 Clerk Steno III (\$959.16-\$1,157.44)—Educational Psychology; Recreation Administration; Botany; Educational Administration; Mineral Engineering
 Clerk Steno III (part time) (\$479.58-\$578.77)—Geology
 Laboratory Assistant III (\$959.16-\$1,157.44)—Obstetrics and Gynaecology
 Medical Steno (\$1,030.83-\$1,257.77)—Medicine; Psychiatry
 Secretary (\$1,069.05-\$1,309.14)—History; Centre for Study of Mental Retardation; Nurse Practitioner Program (trust)
 Administrative Clerk (\$1,069.05-\$1,309.14)—Medicine; Elementary Education
 Departmental Secretary (\$1,205.22-\$1,484.74)—Romance Languages
 Equipment Assistant I (\$991.42-\$1,205.22)—Physical Education
 Technical Assistant (\$991.42-\$1,205.22)—Pharmacology
 Storeman II (\$1,030.83-\$1,257.77)—Central Stores; Chemistry
 Civil Engineering Technician I (\$1,069.05-\$1,309.14)—Civil Engineering
 Technician I (\$1,069.05-\$1,309.14)—Medical Bacteriology (trust, term); Medicine; Anatomy
 Biochemistry Technician I (trust) (\$1,069.05-\$1,309.14)—Biochemistry
 Technician I/II (trust) (\$1,069.05-\$1,484.74)—Physiology
 Food Service Worker IV (\$1,109.66-\$1,365.29)—Housing and Food Services

Draftsperson I (\$1,109.66-\$1,365.29)—Interior Design; Physical Plant
 Maintenance Worker I (\$1,157.44-\$1,423.81)—Physical Plant
 Engineering Technologist I (\$1,157.44-\$1,423.81)—Energy Management
 Security Officer I (\$1,205.22-\$1,484.74)—Campus Security
 Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory
 Technologist I (part-time, trust) (\$1,205.22-\$1,484.74) (full-time equivalent)—Pediatrics
 Bacteriology Technologist I (\$1,205.22-\$1,484.74)—Medical Bacteriology
 Technologist I (Textiles) (trust) (\$1,205.22-\$1,484.74)—Home Economics
 Biochemistry Technologist I/II (trust) (\$1,205.22-\$1,690.17)—Cancer Research Unit
 Draftsperson II (\$1,257.77-\$1,550.43)—Physical Plant
 Instrument Technician II (\$1,257.77-\$1,550.43)—Chemical Engineering
 Computer Operator II (\$1,257.77-\$1,550.43)—Educational Research Services
 Art Technician Demonstrator I (\$1,309.14-\$1,617.33)—Art and Design
 Electronics Technician II (\$1,309.14-\$1,617.33)—Physics
 Electronics Technician II/III (\$1,309.14-\$1,843.07)—Physics
 Art Technician Demonstrator II (\$1,484.74-\$1,843.07)—Drama
 Engineering Technologist III (\$1,484.74-\$1,843.07)—Physical Plant
 Programmer/Analyst II/III (\$1,484.74-\$2,195.45)—Administrative Systems (2 positions); Printing Services
 Biochemistry Technologist III (trust) (\$1,550.43-\$1,924.31)—Medicine
 Programmer/Analyst III (\$1,763.03-\$2,195.45)—Computing Services; Physical Plant; Business Administration and Commerce
 Engineering Technologist V (\$1,924.31-\$2,400.90)—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk II (\$830.15-\$991.42)—Cataloguing; Circulation Services; Education Library
 Library Clerk III (\$893.47-\$1,069.05)—Education (two positions); Cataloguing—Corrections Unit; Periodicals Reading Room; Cataloguing—typing unit (two positions)
 Data Entry Operator I (\$922.13-\$1,109.66)—Systems
 Library Assistant I (\$951.16-\$1,167.44)—Reserve Reading Room
 Library Assistant II (\$1,069.05-\$1,309.14)—Government Publications
 Secretary (\$1,069.05-\$1,309.14)—Library Support Service
 Programmer/Analyst III (\$1,763.03-\$2,195.45)—Systems
 Programmer/Analyst IV (\$2,101.07-\$2,629.04)—Systems

Advertisements

Accommodations available

For rent—In London, England, from July 1980, fully furnished, three-bedroom house; central heating, garden, parking; close to schools, shops; 25 minutes westend. 220 pounds p.a. Enquiries 469-2033.

For rent—Partially furnished, four bedroom home, includes washer, dryer, freezer, fridge, stove; available 1 July; \$550 monthly, lease subject to negotiation; responsible persons only; 464-4253.

For sale—Four bedroom split level in Aspen Gardens, fully carpeted, two baths, family room with wet bar, double garage. Near Whitemud Ravine for good hiking and cross-country skiing. Direct bus service to University. By owner. \$128,500. Clear title. Mortgage with interest below market negotiable. 437-7421 after 4 p.m. and weekends.

For rent—Fully furnished household in two bedroom house, garden. Available 15 May - 1 July. Two blocks from University. 433-0789.

For sale—Four bedroom home in the heart of Garneau. Very close to University and downtown. Modern kitchen with all appliances, new wiring, oak floors throughout. Undeveloped basement. \$116,000. Phone Rob at 433-1924 after 6 p.m. No agents.

For sale—Two lakefront lots, 50 miles northeast, beautifully treed. Newly subdivided, underground gas and power, excellent financing. Let hyperinflation work for you. No building commitment. Suderman Developments. 435-8234.

We purchased the last lot backing onto Bears paw Lake, in the Yellowbird subdivision. Will build to suit, or help you be your own contractor. Suderman Developments. 435-8234.

For sale—Lakefront lot at Golden Sands Beach. (Lac La Biche) 400x80' frontage, southern exposure, sandy beach. 462-3287.

For rent—Executive townhouse. Excellent westend location. Three bedrooms. Fridge, stove, dishwasher, washer, dryer. Heated garage, automatic door. Fireplace. Phone 435-0250 weekends, evenings.

For sale—Glenora, 1,500 sq. ft. semi-bungalow. Five bedrooms, finished basement. Quiet location, trees, hedges. \$109,900. \$59,000 mortgage at 10¼%. 454-6660.

To rent—Share, two bedroom, fully furnished house with color TV, stereo, large lot, with professional person at the University. \$180, utilities included. Walking distance of the University. 435-9194 evenings.

To sublet—One bedroom, luxury apartment, near University. \$395 monthly. 2-4 months, May-August (negotiable). Damage deposit. References. 432-3444 or 439-1276.

For sale—By owner, attractive executive-type, open beam, three bedroom bungalow, 1,530 sq. ft. Immaculate,

westend (Buena Vista), two fireplaces, fully developed lower level, double attached garage, beautifully treed, professionally landscaped, attached patio, privacy. 483-4832, 483-5936.

For sale—Parkallen. Attractive, tidy semi (1,200 sq. ft.), beautifully treed large lot, \$50,000 first mortgage. Riverbend. Super 1,980 sq. ft., four bedroom home! Super location! Super price! Super \$80,000 mortgage! Call Deanna Larson 481-0936, Spencer Real Estate 436-5250.

For rent—Executive townhouse in Ermineskin. Furnished, two bedrooms and den. Attached double garage. Fireplace. One or two year lease available August or September. Deposit required. 432-6361 or 435-0972.

For sale—New listing close to Southgate, convenient to University. Charming bungalow nestled among tall trees in Malmo. Many extras including two-piece off master and attached garage. Call Pat von Borstel 437-6540 or Sharon Campbell 435-8344 or Spencer Real Estate 436-5250.

For sale—Invest renting dollars now. Appealing, two bedroom, condominium unit, listed at \$48,500. Assumable mortgage of \$32,000 at 10.75%. Total monthly payments including mortgage, taxes and condominium fee of \$389. Super opportunity. View today. Phone Joy Murray, Block Bros. Realty Ltd. 436-4240, 437-1612.

For sale—Windsor Park 11826 91 Avenue. \$149,900. Open in May. 467-1978.

For sale—Small, attractive, well-kept home. Curtains, stove, dryer, double garage, large trees, 1.18 lots.

66 Avenue west of 109 Street. \$59,500. 434-4951 after 5 p.m.

For sale—Blue Quill. Perry's three bedroom bungalow. Family room, fireplace, carpeted, appliances, sun-deck, garage, pad, fenced. One block school, bus. Reduced to \$124,900. 432-5653, 988-5136 after 6 p.m.

For rent—August or September, one year lease. Furnished four bedroom home, Windsor Park. Large finished recreation room, large fenced yard with barbecue area. Double garage, walking distance University. 432-7745.

For sale—Windsor Park. By owner. Well maintained home in North Windsor Park. Kitchen, dining room, living room, two bedrooms and bath on main floor. Rumpus room, one bedroom, den, bathroom and utility area on lower level. 50x150 foot lot. Mature trees. Owner will carry sizeable mortgage at less than going rates. Asking \$124,500. Phone 439-4598.

For rent—Bungalow at 8932 120 Street. \$600 monthly. No pets. Family. 439-4207.

For rent—3 May - 1 August, 1980. Westend. 1,133 sq. ft. split level, three bedrooms, 1½ bathrooms, garage, dishwasher, fully furnished. No smokers or pets. Call Steve 487-0690 or Larry 487-2365.

For rent—Acreage in S.W. Four bedrooms. August 1980 - August 1981. \$385 monthly. 432-3538, 487-5755.

For rent—June. Four bedroom house. Walk to University. One year lease. \$550. 435-8772, 1-632-2716.

For rent—1 June. Walking distance to University. Main level of house: two

bedrooms, major appliances. Garage, garden. \$500. 434-0569.

To sublet—Fully furnished, two bedroom suite in older University area house. \$225 monthly. 1 July - 31 August. 433-6055.

For sale—Exception, five bedroom, Parkallen home with spacious formal dining room. Huge pie-shaped lot with southern exposure. A gardener's "dream come true." Call DeAnna Larson 481-0936 or Spencer Real Estate 436-5250.

Accommodations wanted
Reliable, responsible executive and family (two children ages 15 & 11) requires large, four bedroom, unfurnished home for long term lease. Occupancy 1 June. References available. Phone 437-7683 after 5:30 p.m.

Couple with child, small pet, wants to rent house in south Garneau. Call 433-8733.

Apartment/house wanted. Two mature students with cat, non-smokers. Needed August/September for winter session. \$250-\$350 monthly. Prefer walking distance from University. Write: J. Bullard, 5233 Avenue du Parc, #2, Montreal, Quebec. H2V 4G9. (514) 279-7817.

Professor and wife need furnished accommodation for month of May or willing to house-sit. Call. 459-7509.

British student on summer elective requires accommodation, shared or with family. 30 July for two months. Any offers or suggestions please call 432-6296, Russell.

Automobiles and others
Wanted older Datsun 510 or other Japanese car, working or not. 477-2908.

1978 Honda CB400A. Twin automatic, 6,500 km. Ideal commuter bike. 435-0066.

1977 Pinto, standard, 40,000 miles, reason for sale: 1980 Pinto; also 1978 Suzuki GS 400, 3,000 miles, back rest, carrier. \$1,480. 484-7957.

1973 Plymouth Scamp, slant-6, excellent running condition. Asking \$1,500. 487-4584 evenings.

1974 Holidaire travel trailer, 23' tandem, fully equipped, canopy, forced air furnace, immaculate condition. 467-2883.

Goods for sale
For sale—Italian Provincial chesterfield and chair, blue-green

brocade. Excellent condition. \$500. 487-6206.

Books wanted by the Edmonton Arthritic Society for their annual sale in Westmount Shopping Centre. 16, 17 May. Phone 488-4081 for pick-up.

Old Town ABS Canoes. Available from The Wilderness Paddler. Extreme toughness, durability and responsiveness make Old Town ABS Canoes ideal for white-water paddling, remote wilderness expeditions and general recreational canoeing. Clement paddles also available. Phone (evenings) Paul Precht 433-4781 or Fred Vermeulen 434-0558.

Nikon F2A body, Vivitar and Soligor lenses with Nikon AI mounts, very good-new condition. Bill 424-2633 evenings.

Woodgrain chrome dining table, leaf, six chairs, eight months old. New \$590, asking \$300. 436-8303 after 5 p.m.

Services
Edmonton Yoseikan Karate Club: Call Sport Alberta 458-0440.

Professional typing. 464-4887.

Top quality typing. 455-6398.

Expert typing—theses, etc. 455-0641.

Drafting Services—Specializing in technical drafting (graphs, charts, diagrams, etc.) for publications, reports, lectures, papers and presentations. Call 436-3796 Protech Consulting Ltd. after 6 p.m.

Typing done at home, 15 years experience. 475-0096.

Spanish For Travelling—Five week courses. Starts end of April. Mini-groups. Professor Alonso 439-9125.

Painting, wallpapering-Calico Decorators. Quality workmanship. References. Free estimates. 436-6239.

Residential wiring—Small or large jobs. Quality work, reasonable rates. Call David 437-7792.

Donnic Typing Services Ltd. Specializing in word processing. 301A Whyte Avenue Bldg. 10454 Whyte Avenue. 432-1419.

University student will tune up your car (where you work or live). \$20 plus parts. 435-6239.

Landscape design, professional pruning. Experienced horticulturists. 455-9605. \$860 US. Includes food, fun, fare, return Edmonton, Caribbean cruise, leave with 16 Edmontonians 28 June return when you wish from Miami. Sylvia 482-2332.

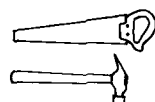
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